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Substitute for form 1449/PTO		<i>Complete if Known</i>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Application Number</b>	10/809,538	
		<b>Filing Date</b>	2004-03-24	
		<b>First Named Inventor</b>	SUTIVONG; Arak	
		<b>Art Unit</b>	2464	
		<b>Examiner Name</b>	PATEL, CHANDRAHAS B	
<b>Sheet</b>	1	of	11	<b>Attorney Docket No:</b> 030226

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2(f)</sup> (known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US2149518	03-07-1939	FRANK SR THOMAS.	
	002	US5280472	01-18-1994	GILHOUSEN; Klein S. et al.	
	003	US5394433	02-28-1995	BANTZ; David F. et al.	
	004	US5535214	07-09-1996	SHIOBARA; Yasuhisa	
	005	US5544156	08-06-1996	TEDER; Paul M. et al.	
	006	US5592470	01-07-1997	RUDRAPATNA; Ashok N. et al.	
	007	US5774809	06-30-1998	TUUTIJARVI; Mika Jari Pietari et al.	
	008	US5781861	07-14-1998	KANG; Chang-Soon et al.	
	009	US5857174	01-05-1999	DUGAN; John W.	
	010	US5864760	01-26-1999	GILHOUSEN; et al	
	011	US5875214	02-23-1999	URBANIANK; Oliver et al.	
	012	US5966670	10-12-1999	KESKITALO; Ilkka et al.	
	013	US6046980	04-04-2000	PACKER; Robert L.	
	014	US6049716	04-11-2000	JUNG; Jin-Soo	
	015	US6115357	09-05-2000	PACKER; Robert L. et al.	
	016	US6134218	10-17-2000	HOLDEN; Brian D.	
	017	US6195552	02-27-2001	JEONG; Jin-Soo et al.	
	018	US6205129	03-20-2001	ESTEVEZ; Eduardo A. S. et al.	
	019	US6208858	03-27-2001	ANTONIO; Franklin P. et al.	
	020	US6233455	05-15-2001	RAMAKRISHNA; Deepa et	

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				al.	
	021	US6363255	03-26-2002	KUWAHARA; Soichi	
	022	US6414988	07-02-2002	LING; Fuyun	
	023	US6425105	07-23-2002	PIIRAINEN; Olli et al.	
	024	US6496496	12-17-2002	RAMAKRISHNA; Deepa et al.	
	025	US6505058	01-07-2003	WILLEY; W. Daniel	
	026	US6512925	01-28-2003	CHEN; Tao et al.	
	027	US6532363	03-11-2003	PUSSINEN; Arto	
	028	US6571101	05-27-2003	SCHULZ; Egon	
	029	US6597913	07-22-2003	NATARAJAN; Kadathur S.	
	030	US6654609	11-25-2003	KIM; Dong-Hun	
	031	US6680925	01-20-2004	WU; Qiang et al.	
	032	US6701151	03-02-2004	DIACHINA; John W. et al.	
	033	US6741862	05-25-2004	CHUNG; Sae-Young et al.	
	034	US6760303	07-06-2004	BROUWER; Frank	
	035	US6816827	11-09-2004	XIA; Yang et al.	
	036	US6865389	03-08-2005	LEE; Bo et al.	
	037	US6904286	06-07-2005	DANTU; Ramanamurthy	
	038	US7050406	05-23-2006	HSU; Liangchi et al.	
	039	US7069038	06-27-2006	HAKKINEN; Hannu et al.	
	040	US7103021	09-05-2006	JOU; Yu-Cheun	

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	041	US7126930	10-24-2006	PANKAJ; et al	
	042	US7277709	10-02-2007	VADGAMA; Sunil Keshavji	
	043	US7289529	10-30-2007	SHERMAN; Matthew J.	
	044	US7327716	02-05-2008	FONG; Mo-Han et al.	
	045	US7336954	02-26-2008	WANG; Jun et al.	
	046	US7447287	11-04-2008	PARANTAINEN; Janne	
	047	US20020021683	02-21-2002	HOLTZMAN; Jack et al.	
	048	US20020051432	05-02-2002	SHIN; Yeong Jong	
	049	US20020136271	09-26-2002	HIRAMATSU; Katsuhiko et al.	
	050	US20020137521	09-26-2002	KIM; Min-Goo et al.	
	051	US20020150077	10-17-2002	TEMERINAC; Miodrag	
	052	US20020160767	10-31-2002	HANLY; Stephen Vaughan	
	053	US20020172192	11-21-2002	HUNZINGER; Jason F. et al.	
	054	US20020183039	12-05-2002	PADGETT; Jay et al.	
	055	US20030058822	03-27-2003	JOU; Yu-Cheun	
	056	US20030083069	05-01-2003	VADGAMA; Sunil Keshavji	
	057	US20030129981	07-10-2003	KIM; Hye Ock	
	058	US20030137953	07-24-2003	CHAE; Chan-Byoung et al.	
	059	US20030161340	08-28-2003	SHERMAN; Matthew J.	
	060	US20030219037	11-27-2003	TOSKALA; Antti et al.	

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See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4  
For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>Sheet</b>	4	of	11	<b>Attorney Docket No:</b> 030226

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	061	US20040013102	01-22-2004	FONG; Mo-Han et al.	
	062	US20040101035	05-27-2004	BOER; Jan et al.	
	063	US20040160922	08-19-2004	NANDA; Sanjiv et al.	
	064	US20040162083	08-19-2004	CHEN; Tao et al.	
	065	US20040162098	08-19-2004	WEI; Yongbin et al.	
	066	US20040203973	10-14-2004	KHAN; Farooq Ullah	
	067	US20040224711	11-11-2004	PANCHAL; Rajendra A. et al.	
	068	US20040228349	11-18-2004	VRZIC; Sophie et al.	
	069	US20050004970	01-06-2005	JAIN; Avinash et al.	
	070	US20050254465	11-17-2005	LUNDBY; Stein A. et al.	
	071	US20060019701	01-26-2006	Ji; Tingfang	
	072	US20060128410	06-15-2006	DERRYBERRY; Thomas R. et al.	
	073	US20060165126	07-27-2006	PETERSSON; Justus et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where

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	074	CN1166094	11-26-1997	MITSUBISHI DENKI K.K.		<input checked="" type="checkbox"/>
	075	CN1263675	08-16-2000	QUALCOMM INC.		<input checked="" type="checkbox"/>
	076	EP0627827A2	12-07-1994	CSELT CENTRO STUDI LAB TELECOM [IT] et al.		<input type="checkbox"/>
	077	EP1231807A2	08-14-2002	LG ELECTRONICS INC [KR]		<input type="checkbox"/>
	078	EP1236471A2	09-04-2002	ALCON LAB INC [US]		<input type="checkbox"/>
	079	EP1257140A1	11-13-2002	LUCENT TECHNOLOGIES INC [US]		<input type="checkbox"/>
	080	JP2002-531992	09-24-2002	QUALCOMM INCORPORATED .		<input type="checkbox"/>
	081	JP2002026808A	01-25-2002	MATSUSHITA ELECTRIC IND CO LTD.		<input checked="" type="checkbox"/>
	082	JP2002232943A	08-16-2002	SONY CORP.		<input checked="" type="checkbox"/>
	083	JP200277984	03-15-2002	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	084	JP2005505955	02-24-2005	QUALCOMM INC [US]		<input type="checkbox"/>
	085	KR0156478B1	11-16-1998	LG ELECTRONICS INC [KR]		<input type="checkbox"/>
	086	RU2120198C1	10-10-1998	QUALCOMM INC [US]		<input checked="" type="checkbox"/>
	087	RU2149518C1	05-20-2000	EHRIKSSON INK.		<input checked="" type="checkbox"/>
	088	WO00072622	11-30-2000	QUALCOMM INC [US]		<input type="checkbox"/>
	089	WO0008869A2	02-17-2000	SAMSUNG ELECTRONICS CO LTD [KR]		<input type="checkbox"/>
	090	WO01010159	02-08-2001	HOTTINEN ARI [FI], et al.		<input type="checkbox"/>
	091	WO01024568	04-05-2001	QUALCOMM INC [US]		<input type="checkbox"/>
	092	WO02041531	05-23-2002	QUALCOMM INC [US]		<input type="checkbox"/>

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	094	WO02095960A2	11-28-2002	QUALCOMM INC [US]		<input type="checkbox"/>
	095	WO2005/015942	02-17-2005	QUALCOMM INCORPORATED .		<input type="checkbox"/>
	096	WO95007578	03-16-1995	QUALCOMM INC [US]		<input type="checkbox"/>
	097	WO95012297	05-04-1995	QUALCOMM INC [US]		<input type="checkbox"/>
	098	WO9701256A1	01-09-1997	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
	099	WO9835525A2	08-13-1998	QUALCOMM INC [US]		<input type="checkbox"/>
	100	WO9912282A1	03-11-1999	ERICSSON TELEFON AB L M [SE]		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

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	101	3G TS 25.211 "Physical channels and mapping of transport channels onto physical channels (FDD)", Release 5, V5.0.0, March 2002.				<input type="checkbox"/>
	102	3G TS 25.212 "Multiplexing and channel coding (FDD)", Release 5, V5.0.0, March 2002.				<input type="checkbox"/>
	103	3G TS 25.213 "Spreading and modulation (FDD)", Release 5, V5.0.0, March 2002.				<input type="checkbox"/>
	104	3G TS 25.214 "Physical layer procedures (FDD)", Release 5, V5.0.0, March 2002.				<input type="checkbox"/>

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		Filing Date	2004-03-24	
		First Named Inventor	SUTIVONG; Arak	
		Art Unit	2464	
		Examiner Name	PATEL, CHANDRAHAS B	
Sheet	7	of	11	Attorney Docket No: 030226

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	105	3GPP2 C.S0024: "cdma2000 High Rate Packet Data Air Interface Specification" 3GPP STANDARDS, 12 September 2000 (2000-09-12), XP002206456 cited in the application.	<input type="checkbox"/>	
	106	CHAKRAVARTY S ET AL: "An Algorithm for Reverse Traffic Channel Rate Control for cdma2000 High Rate Packet Data Systems" IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, 2001. Globecom 01. E. SAN ANTONIO, TX, NOV. 25 - 29, 2001, IEEE/IEEEGLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY : IEEE, US, VOL. 6 OF 6, 25 November 2001 (2001-11-25), pages 3733-3737, XP002277693.	<input type="checkbox"/>	
	107	Gyung-Ho Hwang and Dong-Ho Cho, Distributed Rate Control for Throughput Maximization and QoS Support in WCDMA System, IEEE VTC, U.S. IEEE, October 7, 2001, vol. 3, pp. 1721-1725.	<input type="checkbox"/>	
	108	International Preliminary Examination Report - PCT/US04/004791, IPEA 2/27/05.	<input type="checkbox"/>	
	109	International Preliminary Examination Report - PCT/US04/025375, IPEA/US, 07-20-06.	<input type="checkbox"/>	
	110	International Preliminary Examination Report - PCT/US04/04669, International Preliminary Examining Authority IPEA/US 05-21-08.	<input type="checkbox"/>	
	111	International Preliminary Examination Report PCT/US2004/004788, IPEA/US 12/22/05.	<input type="checkbox"/>	
	112	International Preliminary Report On Patentability - PCT/US04/006759, IPEA - US, 01-17-07.	<input type="checkbox"/>	
	113	INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY - PCT/US04/04668 - INTERNATIONAL SEARCH AUTHORITY - IPEA/US - ALEXANDRIA, VIRGINIA - 07-06-06.	<input type="checkbox"/>	
	114	INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY - PCT/US2004/004787, INTERNATIONAL SEARCH AUTHORITY - IPEA/US - ALEXANDRIA, VIRGINIA - 04-19-06.	<input type="checkbox"/>	
	115	International Preliminary Report on Patentability PCT/US04/004786, IPEA/US 9/29/2006.	<input type="checkbox"/>	
	116	International Preliminary Report on Patentability PCT/US2004/004790, IPEA/US, 10/02/06.	<input type="checkbox"/>	
	117	International Preliminary Report on Patentability PCT/US2004/004792, IPEA/US, 6/21/06.	<input type="checkbox"/>	
	118	International Search Report - PCT/US04/004787, International Search Authority - European Patent Office, 09-13-04.	<input type="checkbox"/>	
	119	International Search Report - PCT/US04/004788, International Search Authority -	<input type="checkbox"/>	

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		<b>Examiner Name</b>	PADEL, CHANDRAHAS B	
<b>Sheet</b>	8	of	11	<b>Attorney Docket No:</b> 030226

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		European Patent Office - 09-24-2004.		
	120	International Search Report - PCT/US04/004791, International Search Authority - European Patent Office, 11/18/04.		<input type="checkbox"/>
	121	International Search Report - PCT/US04/04669, International Search Authority - European Patent Office - 07-27-2004.		<input type="checkbox"/>
	122	International Search Report, PCT/US04/007015, International Search Authority, European Patent Office, 11/16/04 (030223WO).		<input type="checkbox"/>
	123	International Search Report, PCT/US04/025375, ISA-EPO 12/22/04.		<input type="checkbox"/>
	124	International Search Report, PCT/US2004/004790 International Search Authority European Patent Office 03/07/05.		<input type="checkbox"/>
	125	International Search Report, PCT/US2004/004792 International Search Authority European Patent Office 11/8/04.		<input type="checkbox"/>
	126	INTERNATIONAL SEARCH REPORT-PCT/US04/004668, INTERNATIONAL SEARCH AUTHORITY-EUROPEAN PATENT OFFICE-9/27/04.		<input type="checkbox"/>
	127	International Search Report-PCT/US04/004786, International Search Authority-European Patent Office 2/14/05.		<input type="checkbox"/>
	128	International Search Report-PCT/US04/006759, International Search Authority-European Patent Office-11/05/04.		<input type="checkbox"/>
	129	"Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems," TIA/EIA Interim Standard, February 3, 1999, XP002145331, pp. 6-380.6 (TIA/EIA-95-B).		<input type="checkbox"/>
	130	NADAGOPAL T., et al., "SERVICE DIFFERENTIATION THROUGH END-TO-END RATE CONTROL IN LOW BANDWIDTH WIRELESS PACKET NETWORKS," 1999. IEEE INTERNATIONAL WORKSHOP. SAN DIEGO CA USA 15-17 NOV 99, MOBILE MULTIMEDIA COMMUNICATIONS 1999, 211-220.		<input type="checkbox"/>
	131	"The cdma2000 ITU-R RTT Candidate Submission (0.18)," Telecommunications Industry Association TIA, July 27, 1998, XP002294165, pp. 1-145.		<input type="checkbox"/>
	132	TIA/EIA/IS-856-1;"CDMA2000 HIGH RATE PACKET DATA AIR INTERFACE SPECIFICATION" ADDENDUM 1 (2002-01).		<input type="checkbox"/>
	133	TIA/EIA-95; "MOBILE STATION- BASE STATION COMPATIBILITY STANDARD FOR WIDEBAND SPREAD SPECTRUM CELLULAR SYSTEMS"(1999-03).		<input type="checkbox"/>

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	134	TIA/EIA-IS-2000 Release C, May 2002. (6-Part document).		<input type="checkbox"/>
	135	"Universal Mobile Telecommunications System (UMTS); Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 5.3.0 Release 5)", ETSI TS 125 211 v 5.3.0 (2002-12), December 2002, Pages 1-52.		<input type="checkbox"/>
	136	Written Opinion - PCT/US04/004791, International Search Authority - European Patent Office, 11/18/2004 (030242D1).		<input type="checkbox"/>
	137	Written Opinion - PCT/US04/006759, International Search Authority - European Patent Office, 11-05-04.		<input type="checkbox"/>
	138	Written Opinion - PCT/US04/025375, International Search Authority - European Patent Office, 12-22-04.		<input type="checkbox"/>
	139	WRITTEN OPINION - PCT/US2004/004787, INTERNATIONAL SEARCH AUTHORITY - EUROPEAN PATENT OFFICE -09-13-04.		<input type="checkbox"/>
	140	Written Opinion - PCT/US04/007015, International Searching Authority - European Patent Office, 11-16-04 (030223C1).		<input type="checkbox"/>
	141	WRITTEN OPINION -PCT/US04/004668, INTERNATIONAL SEARCH AUTHORITY- EUROPEAN PATENT OFFICE-9/27/04.		<input type="checkbox"/>
	142	Written Opinion PCT/US04/004786, International Search Authority European Patent Office 2/10/05.		<input type="checkbox"/>
	143	Written Opinion PCT/US04/04669 International Search Authority European Patent Office - 07-27-04.		<input type="checkbox"/>
	144	Written Opinion PCT/US2004/004788, International Search Authority European Patent Office 8/15/05.		<input type="checkbox"/>
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	146	Written Opinion PCT/US2004/004792, International Search Authority European Patent Office 8/18/05.		<input type="checkbox"/>
	147	Young-Joo Song et al. "Rate-control Snoop : A Reliable Transport Protocol for Heterogeneous Networks with Wired and Wireless Links", IEEE Proceedings 2003, vol. 2, Mar. 16, 2003, pp. 1334-1338. cited by other .		<input type="checkbox"/>
	148	YOUNG-UK CHUNG et al, "An Efficient Reverse Link Data Rate Control Scheme for 1xEV-DV System," IEEE 54TH. Vehicular Technology Conference Proceedings. Atlantic City, NJ, Oct. 7-11, 2001. IEEE, US. Vol 1 of 4, Conf. 54, October 10, 2001, pages 820-823.		<input type="checkbox"/>

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	149	SKLAR, "DIGITAL COMMUNICATIONS, FUNDAMENTALS AND APPLICATIONS", 4 pages, 2001, Prentice-Hall PTR, Upper Saddle River, New Jersey, USA.	

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